Elfrink Wim Form 4 March 18, 2010

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Elfrink Wim			2. Issuer Name and Ticker or Trading Symbol CISCO SYSTEMS INC [CSCO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
			(Month/Day/Year)	Director 10% Owner			
170 WEST TASMAN DRIVE			03/16/2010	X Officer (give title Other (specify below) EVP, Cisco Services and CGO			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SAN JOSE, CA	A 95134		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secui	rities Acquii	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securition Disposic (Instr. 3, 4)	ed of (` '	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	03/16/2010		M	65,600	A	\$ 19.59	499,343	D	
Common Stock	03/16/2010		S	65,600	D	\$ 26.0815 (1)	433,743	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of orderivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ar Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title [
Non-Qualified Stock Option (right to buy)	\$ 19.59	03/16/2010		M	65,600	09/02/2004(2)	09/02/2012	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Elfrink Wim

170 WEST TASMAN DRIVE EVP, Cisco Services and CGO

SAN JOSE, CA 95134

Signatures

/s/ Wim Elfrink by Evan Sloves,
Attorney-in-Fact
03/18/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Represents a weighted average sales price per share. These shares were sold in multiple transactions at prices ranging from \$26.05 to \$26.115. The reporting person has provided to the issuer, and undertakes to provide to the staff of the Securities and Exchange Commission or any security holder of the issuer, upon request, full information regarding the number of shares sold at each separate price within the range.
- (2) The option vested as to twenty percent (20%) of the shares on the one (1) year anniversary of the grant date, and as to the remaining eighty percent (80%) of the shares thereafter in forty-eight (48) successive equal monthly installments.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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